

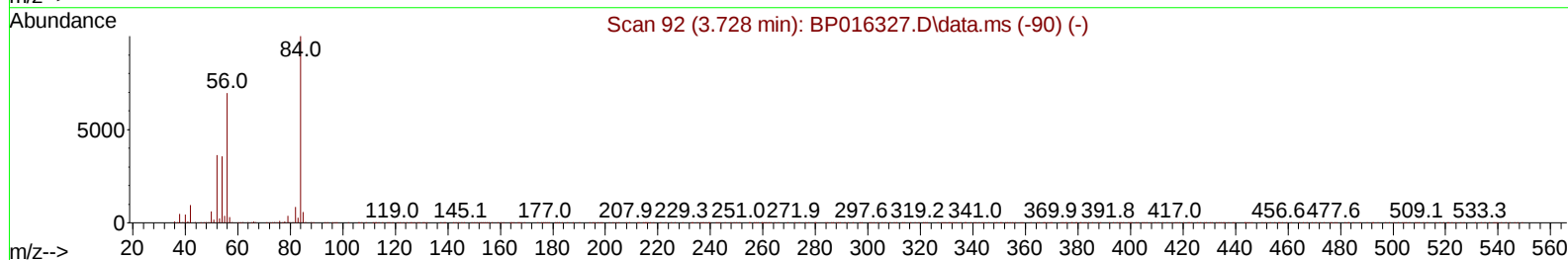
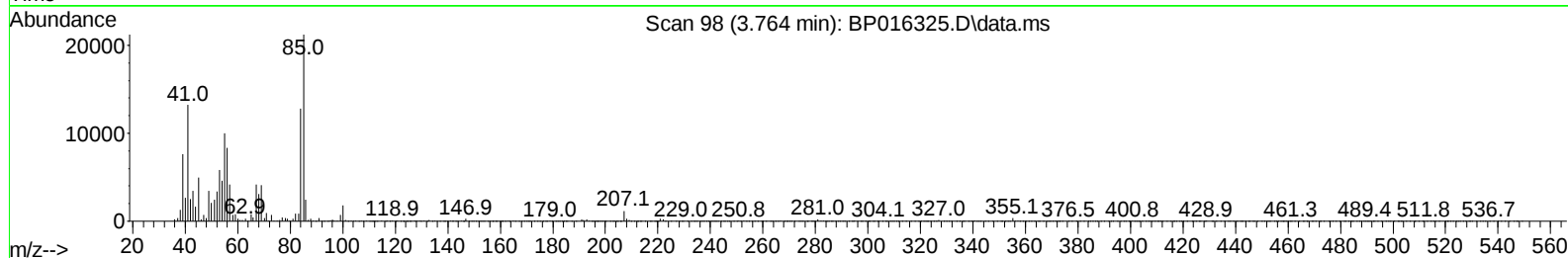
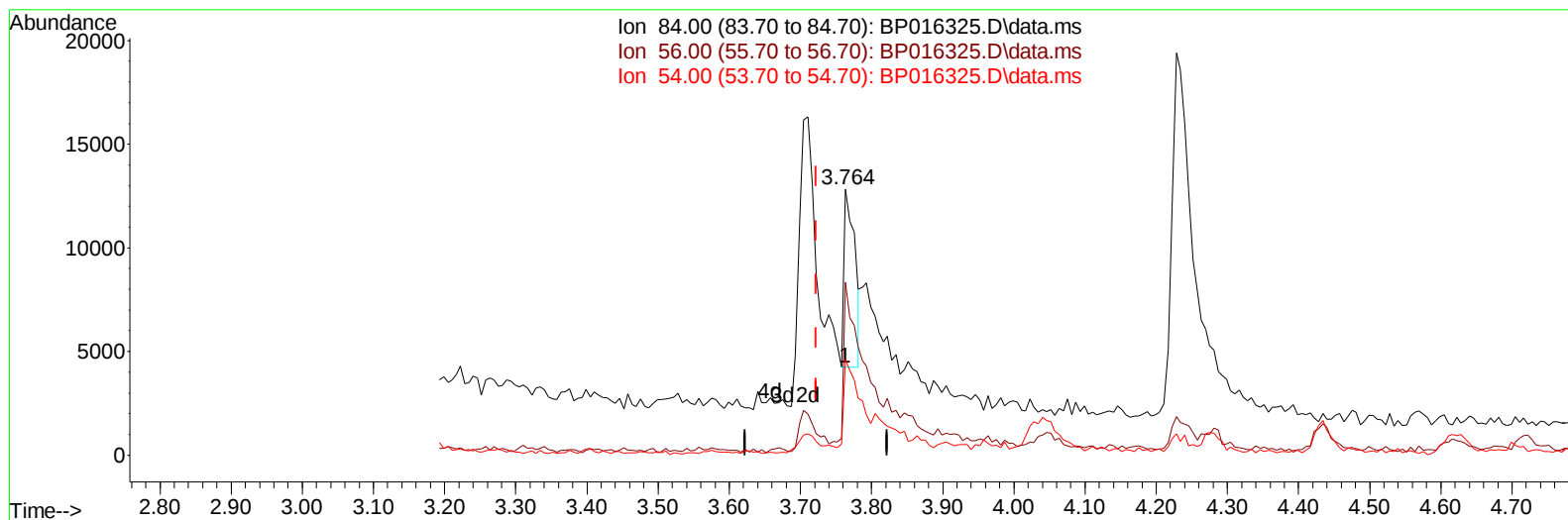
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016325.D
Acq On : 19 Jul 2023 15:21
Operator : MA/JU
Sample : 03501-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:49:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016325.D\data.ms

(4) Pyridine-d5 (S)

3.764min (+ 0.041) 1.51 ng/u1

response 9167

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	64.91
54.00	32.50	35.84
0.00	0.00	0.00

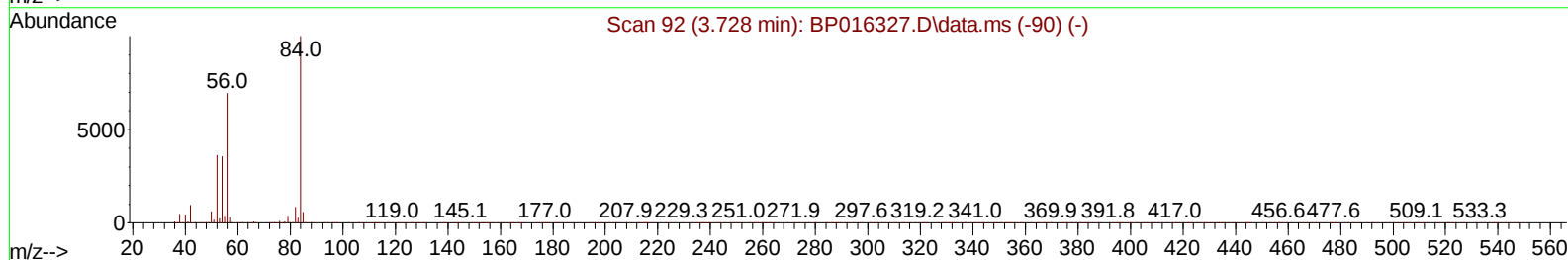
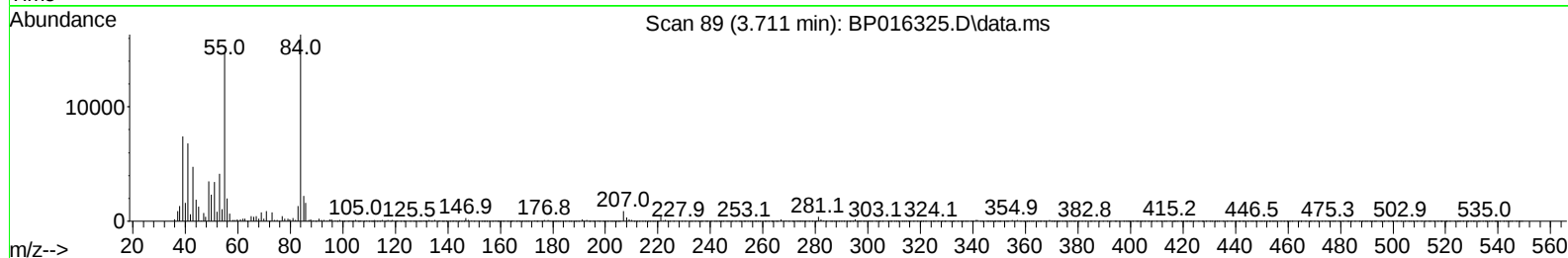
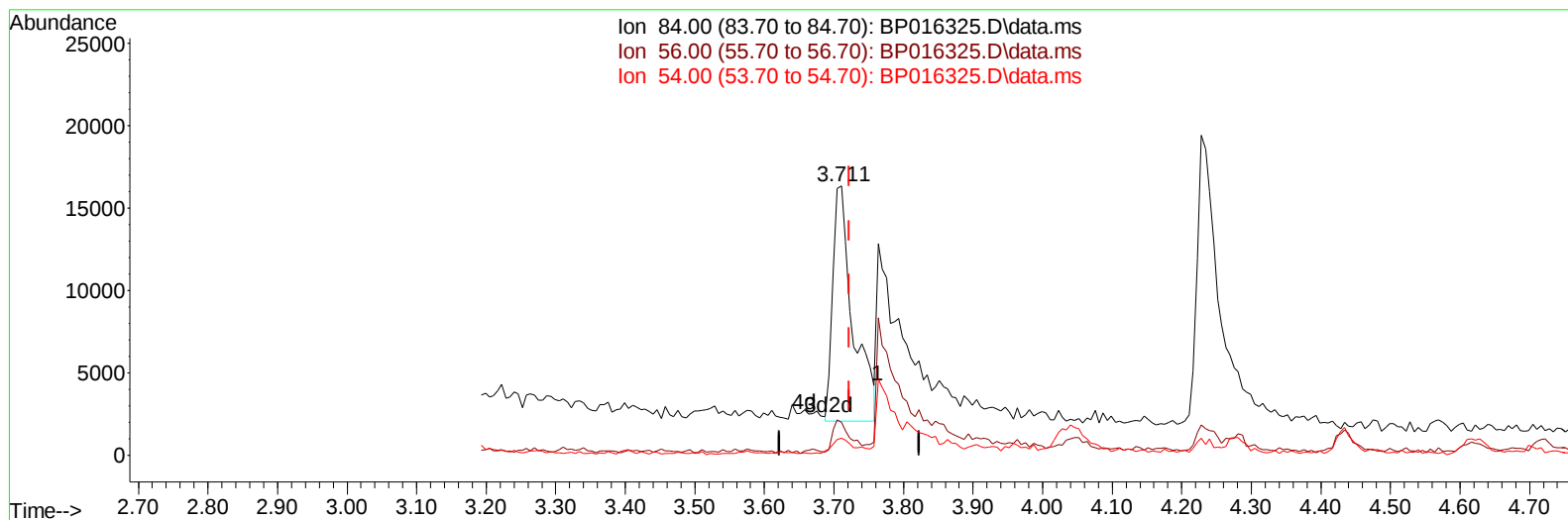
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:49:21 2023
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016325.D\data.ms

(4) Pyridine-d5 (S)

3.711min (-0.012) 4.70 ng/ul m

response 28589

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	12.08#
54.00	32.50	6.37#
0.00	0.00	0.00

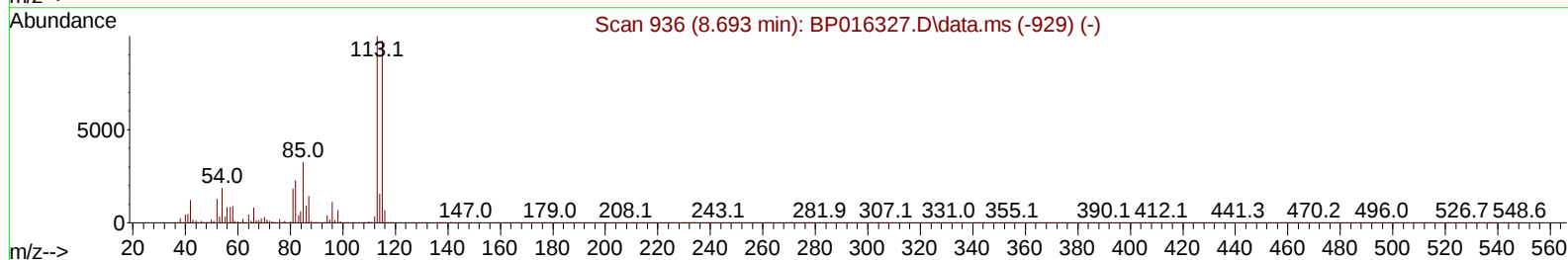
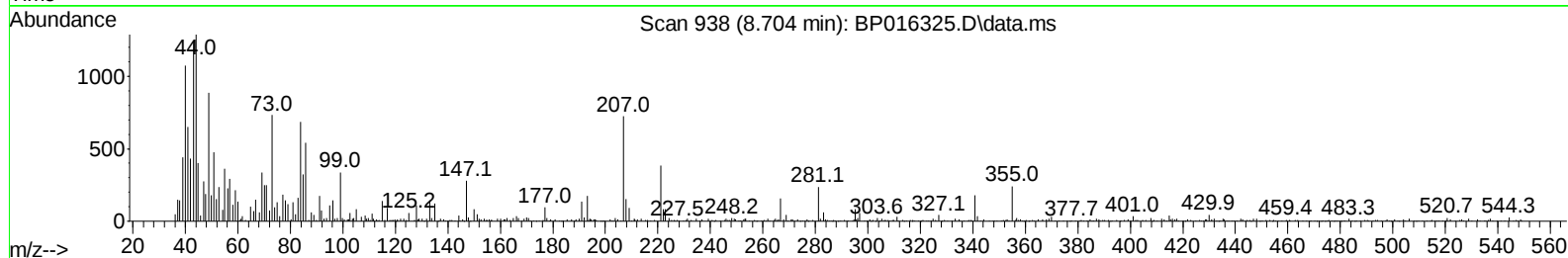
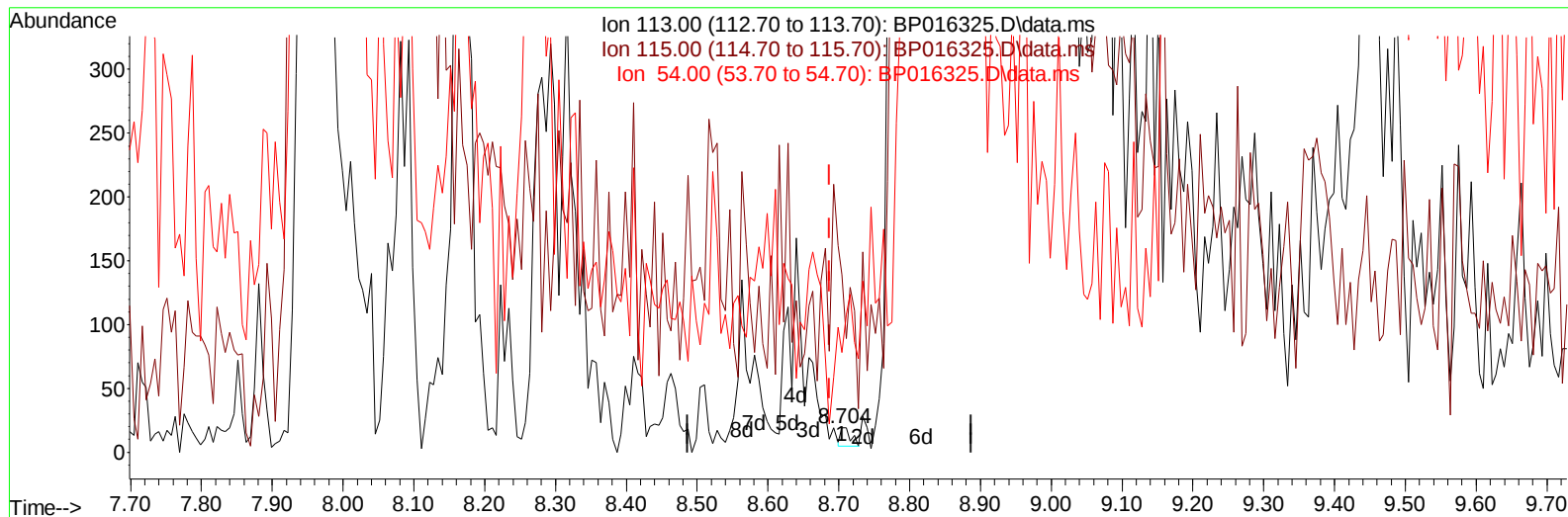
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016325.D
Acq On : 19 Jul 2023 15:21
Operator : MA/JU
Sample : 03501-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:49:21 2023
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TIC: BP016325.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.704min (+ 0.018) 0.00 ng/u1

response

14

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	731.58#
54.00	16.30	410.53#
0.00	0.00	0.00

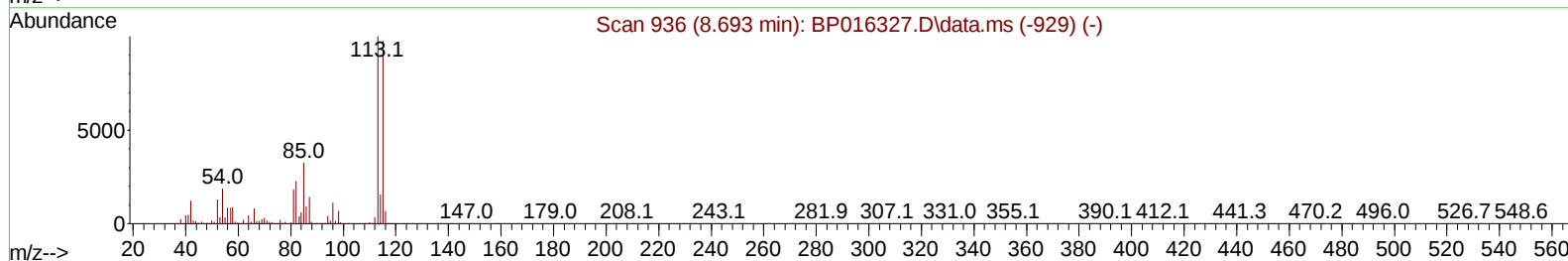
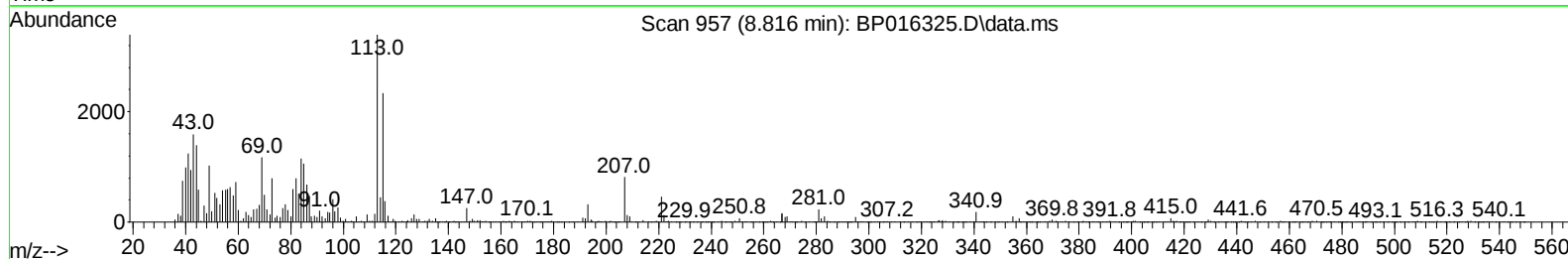
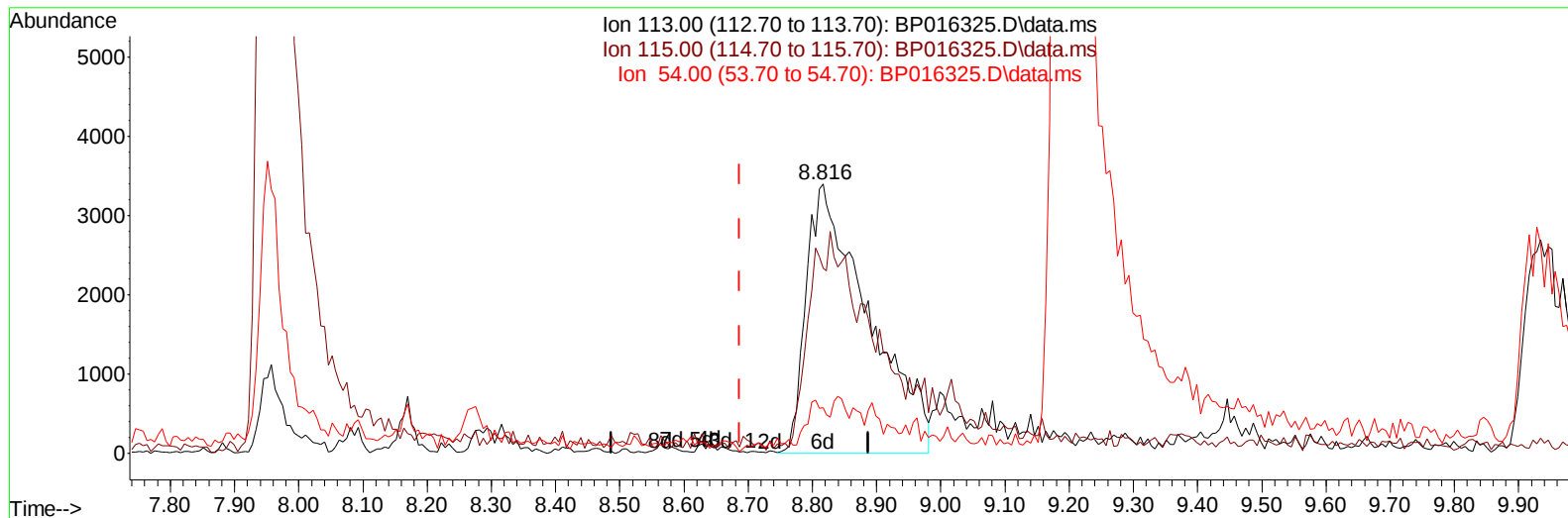
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016325.D
Acq On : 19 Jul 2023 15:21
Operator : MA/JU
Sample : 03501-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP016325.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.816min (+ 0.129) 3.64 ng/ul m

response 22848

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	68.84#
54.00	16.30	16.97
0.00	0.00	0.00

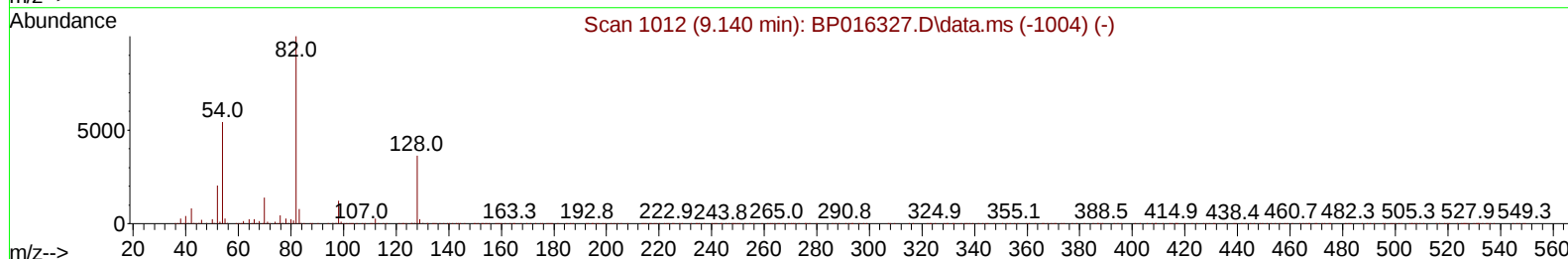
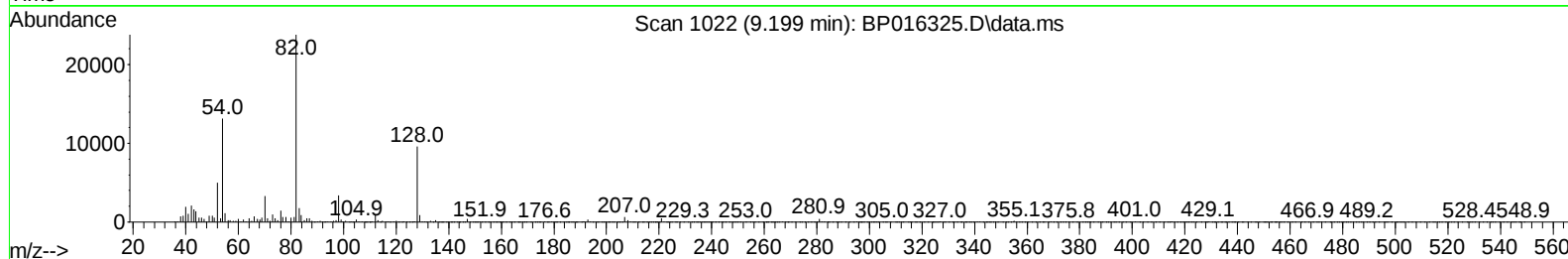
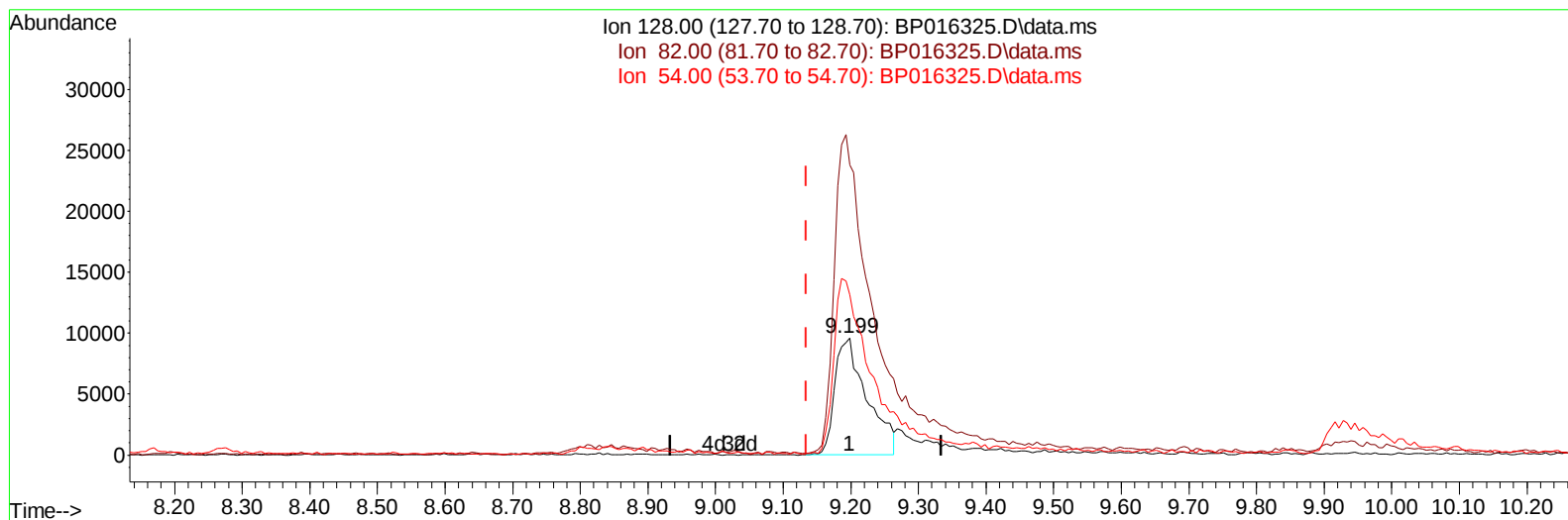
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

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TIC: BP016325.D\data.ms

(21) Nitrobenzene-d5 (S)

9.199min (+ 0.065) 10.87 ng/u1

response 31752

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	247.68
54.00	136.80	136.64
0.00	0.00	0.00

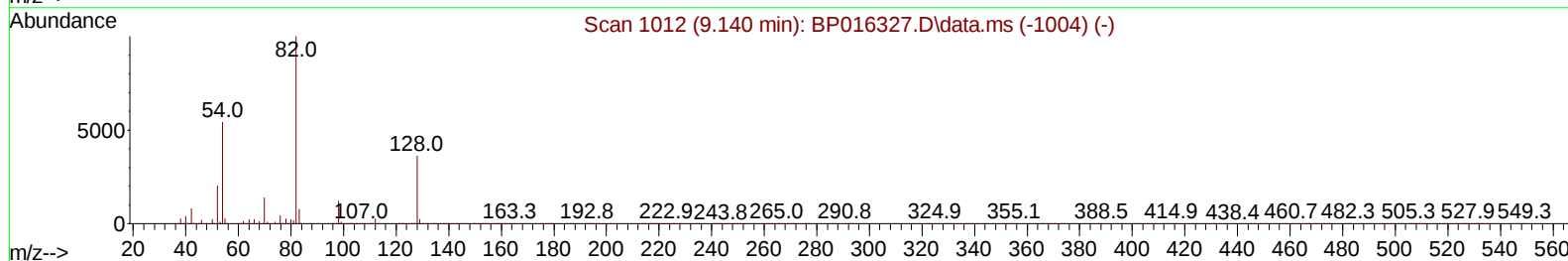
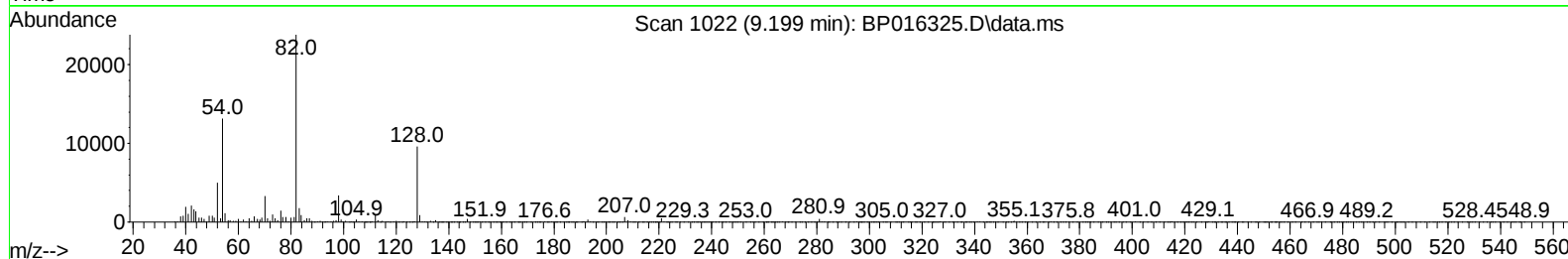
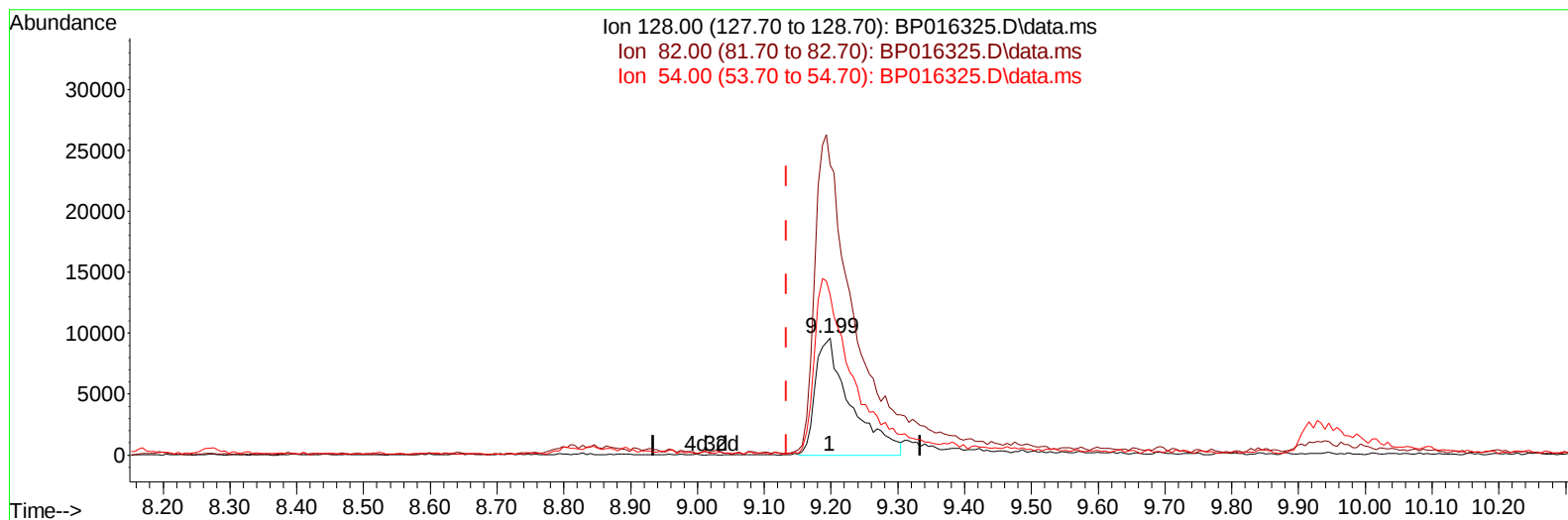
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:49:21 2023
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 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016325.D\data.ms

(21) Nitrobenzene-d5 (S)

9.199min (+ 0.065) 12.16 ng/ul m

response 35522

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	247.68
54.00	136.80	136.64
0.00	0.00	0.00

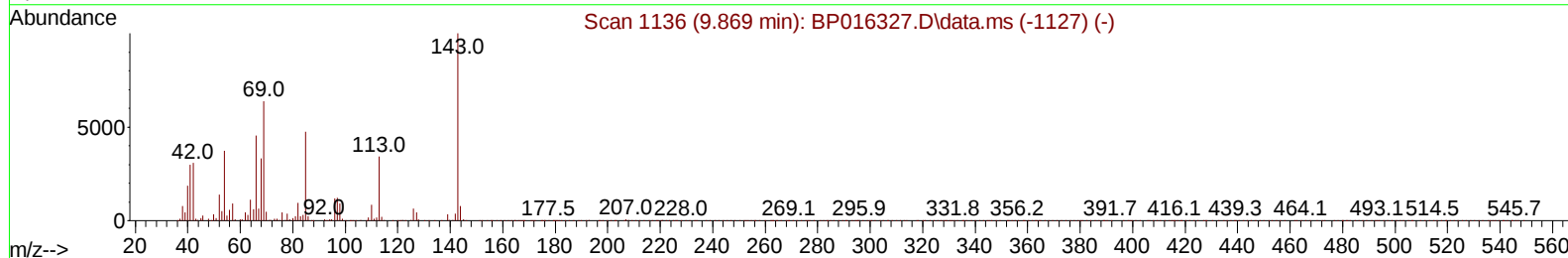
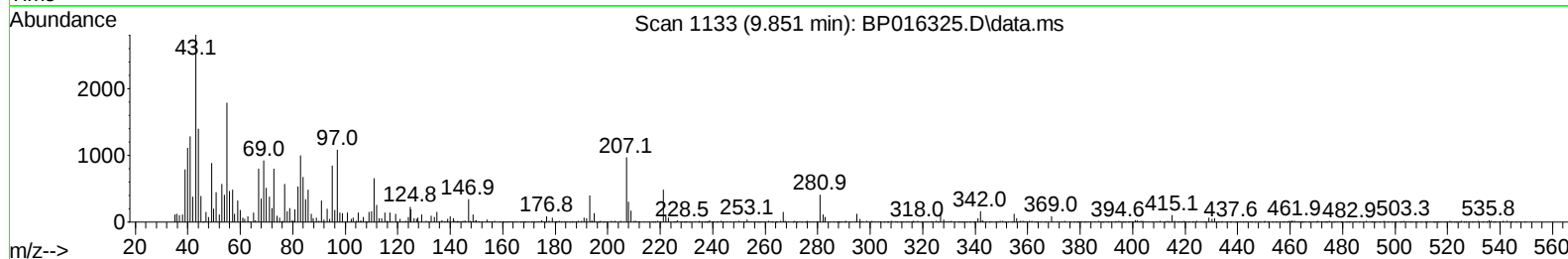
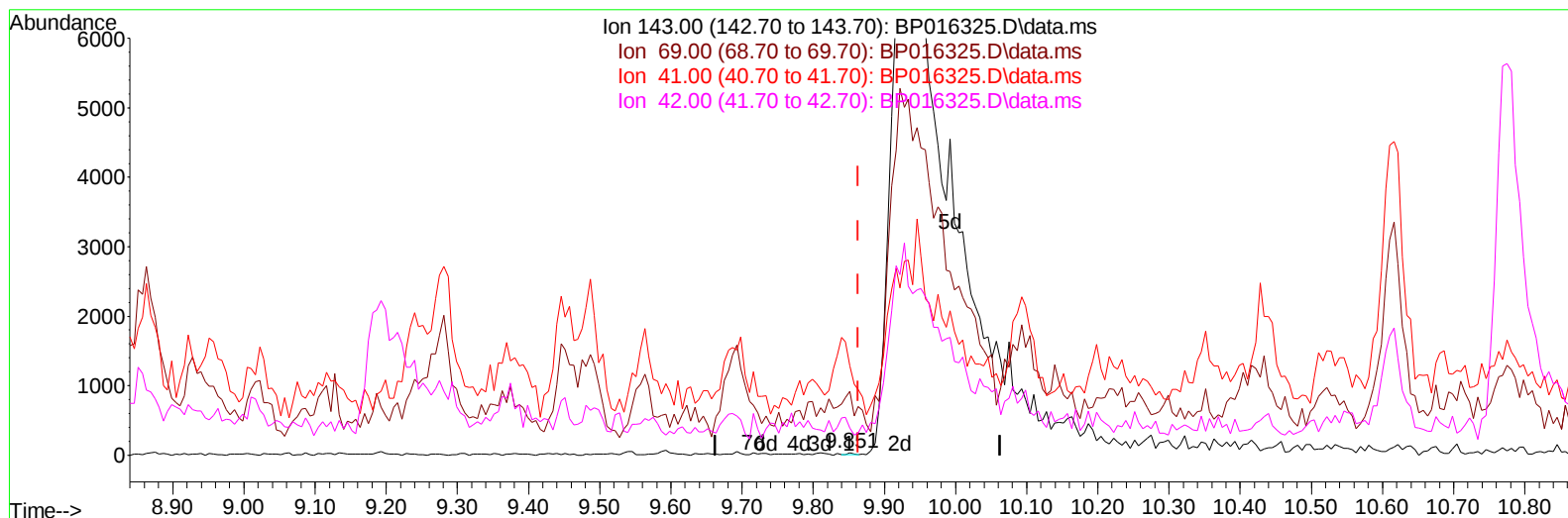
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

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TIC: BP016325.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.851min (-0.012) 0.00 ng/u1

response 15

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	2796.97#
41.00	28.60	3900.00#
42.00	29.20	1166.67#

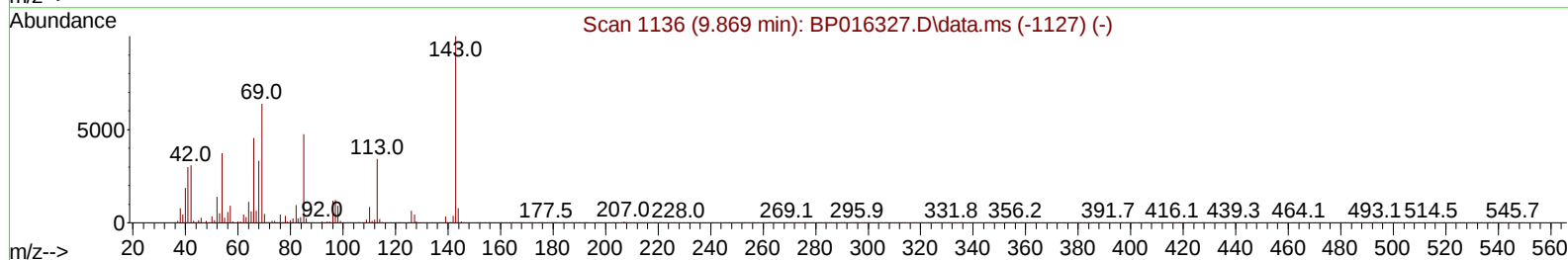
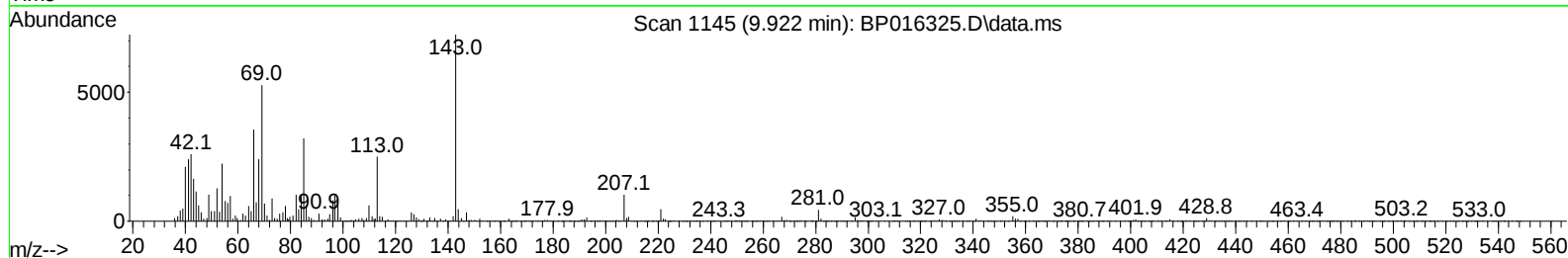
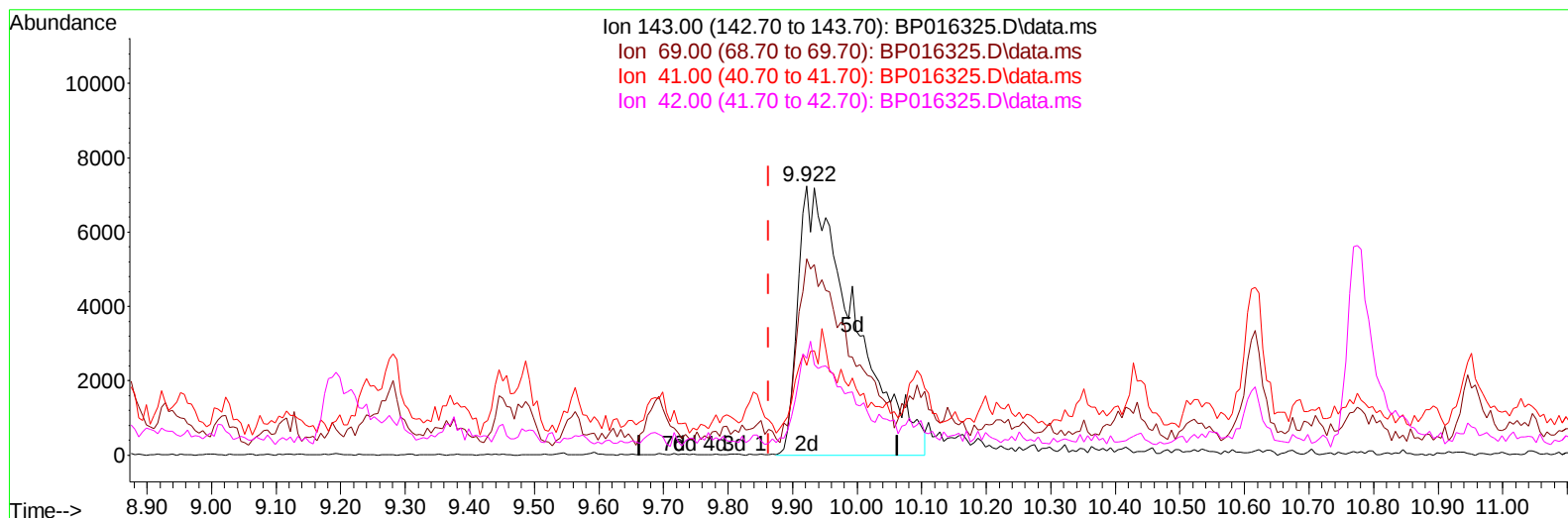
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:49:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016325.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.922min (+ 0.059) 13.02 ng/ul m

response 43350

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	72.96
41.00	28.60	33.27
42.00	29.20	35.92#

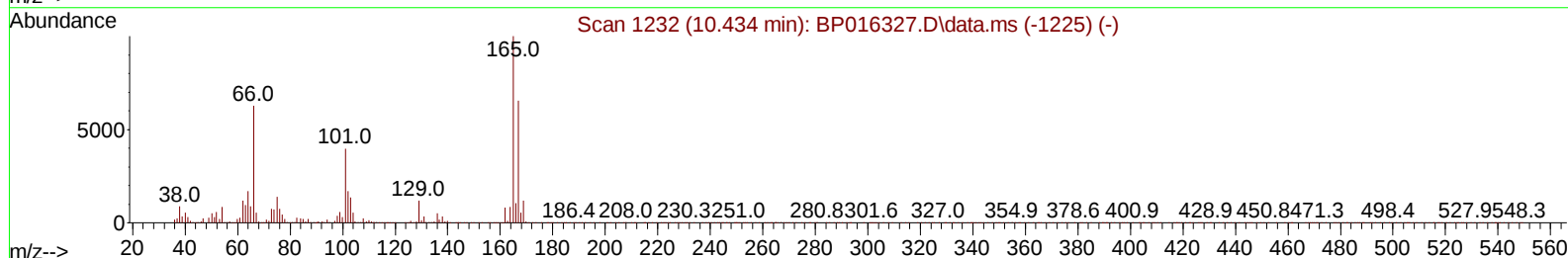
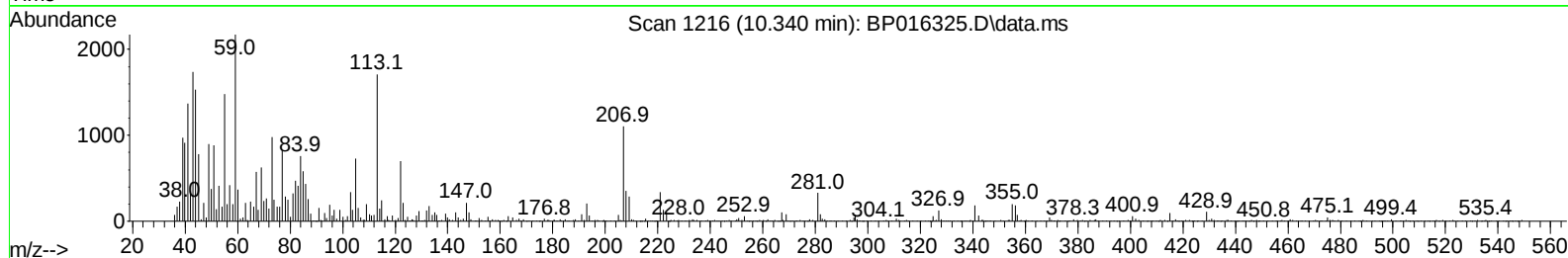
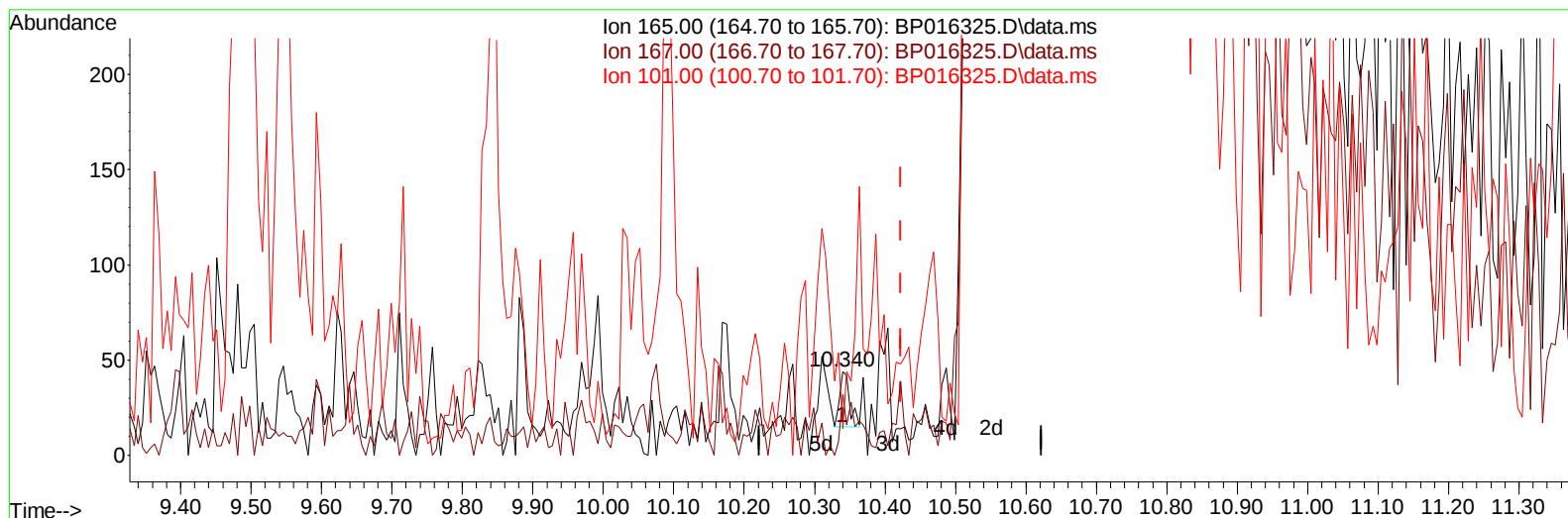
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

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TIC: BP016325.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.340min (-0.082) 0.01 ng/u1

response 29

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	72.73
101.00	38.50	31.82
0.00	0.00	0.00

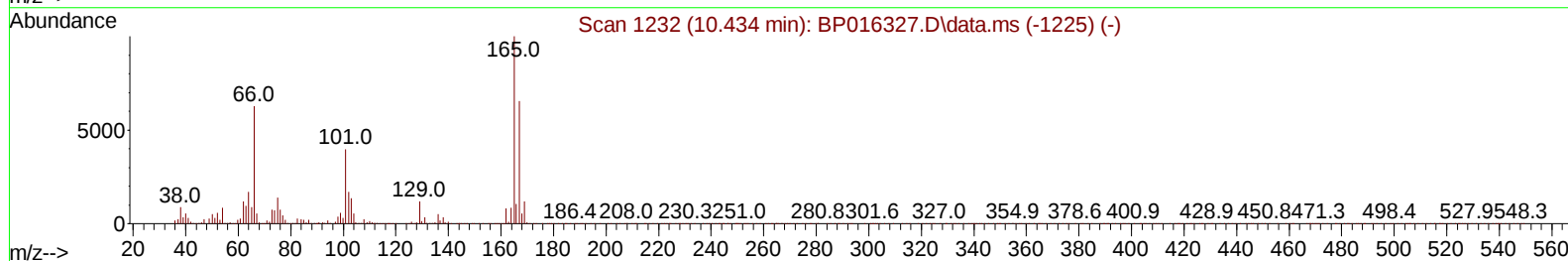
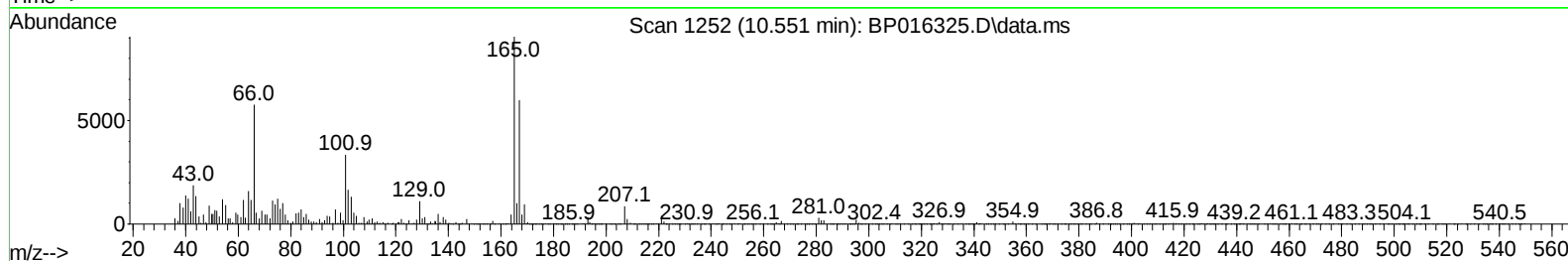
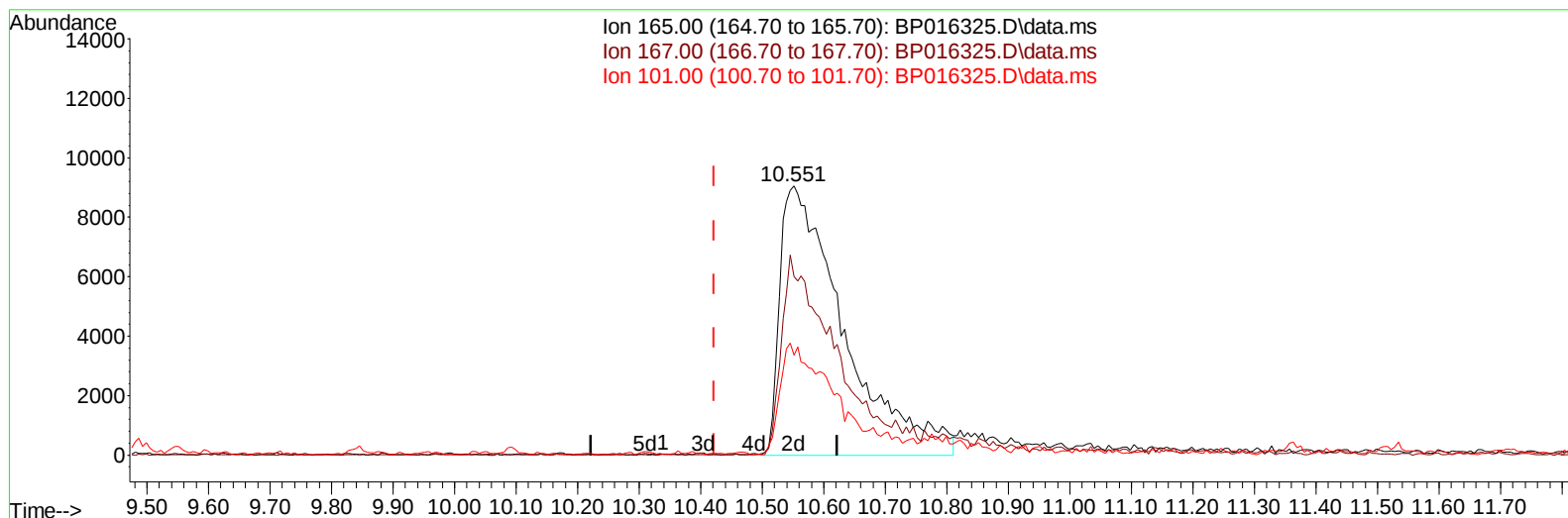
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016325.D
Acq On : 19 Jul 2023 15:21
Operator : MA/JU
Sample : 03501-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:49:21 2023
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TIC: BP016325.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.551min (+ 0.129) 11.33 ng/ul m

response 65313

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	66.26
101.00	38.50	37.09
0.00	0.00	0.00

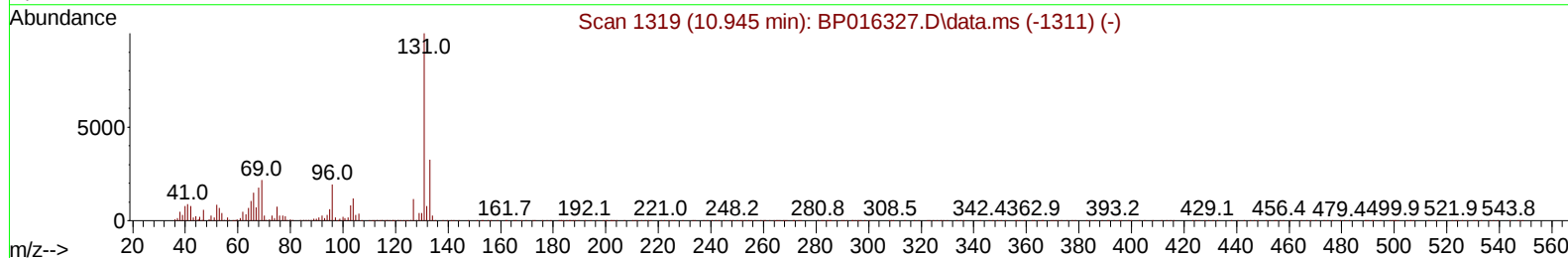
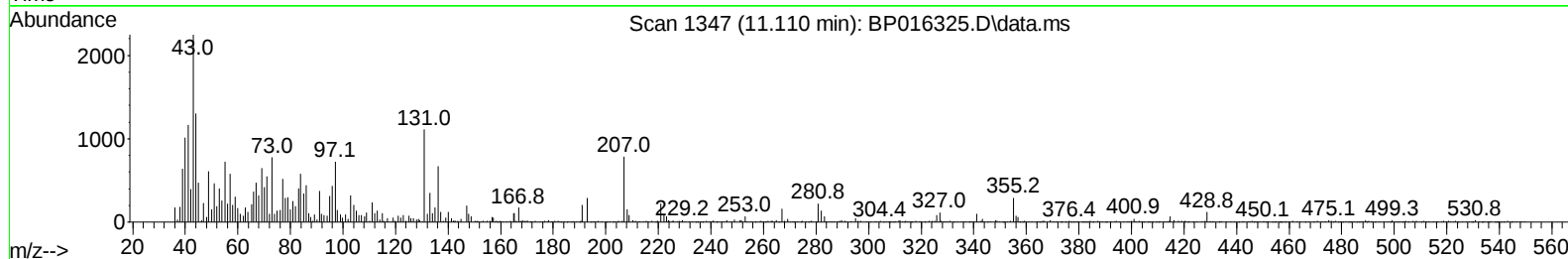
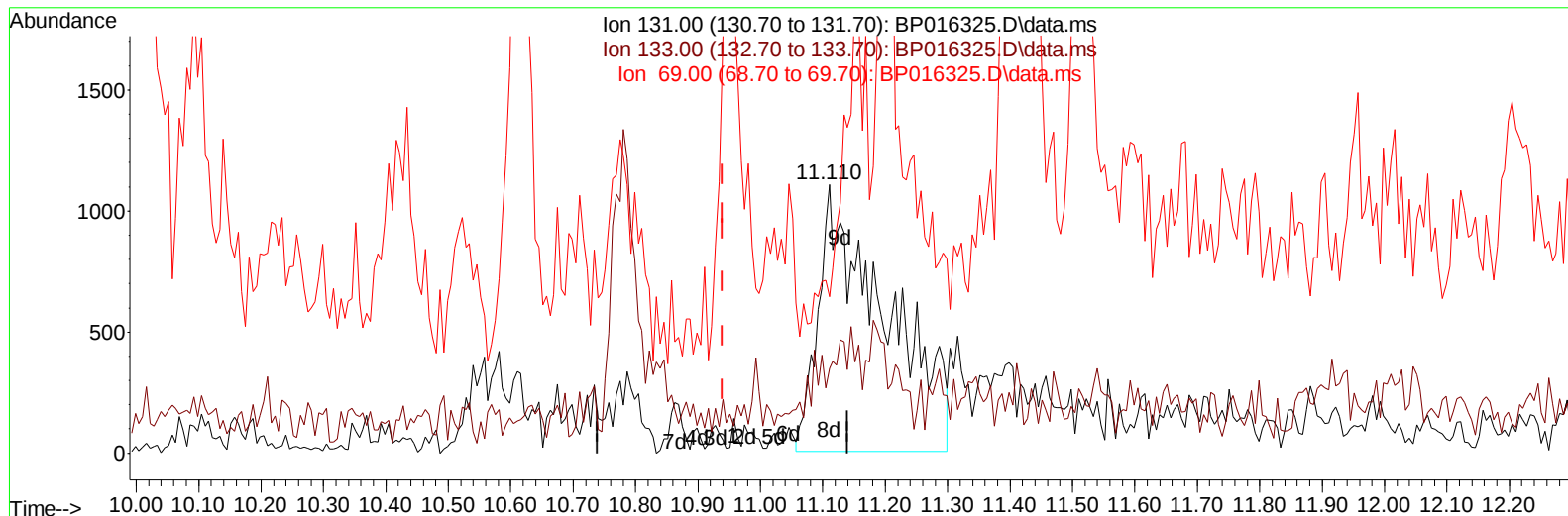
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP016325.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.110min (+ 0.171) 0.88 ng/ul m

response 8109

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	31.53
69.00	21.00	58.20#
0.00	0.00	0.00

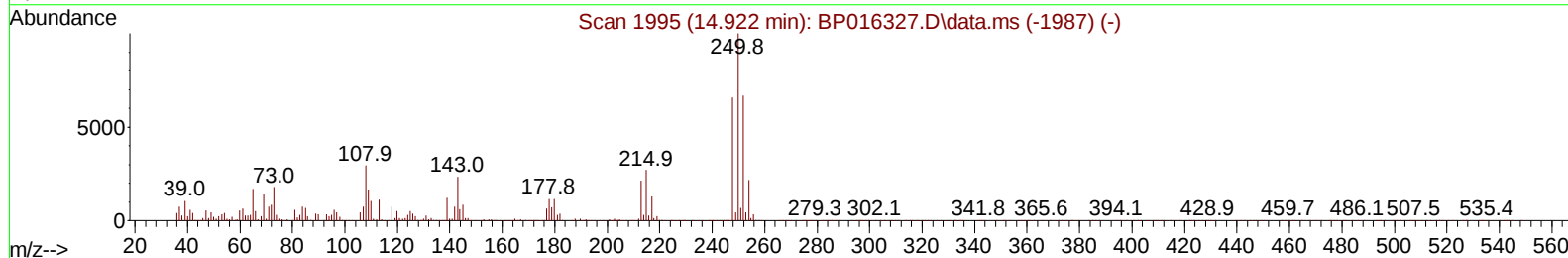
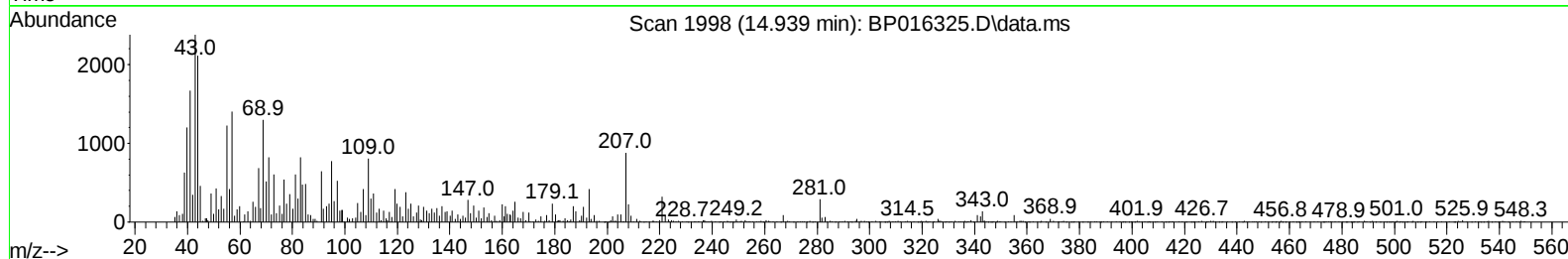
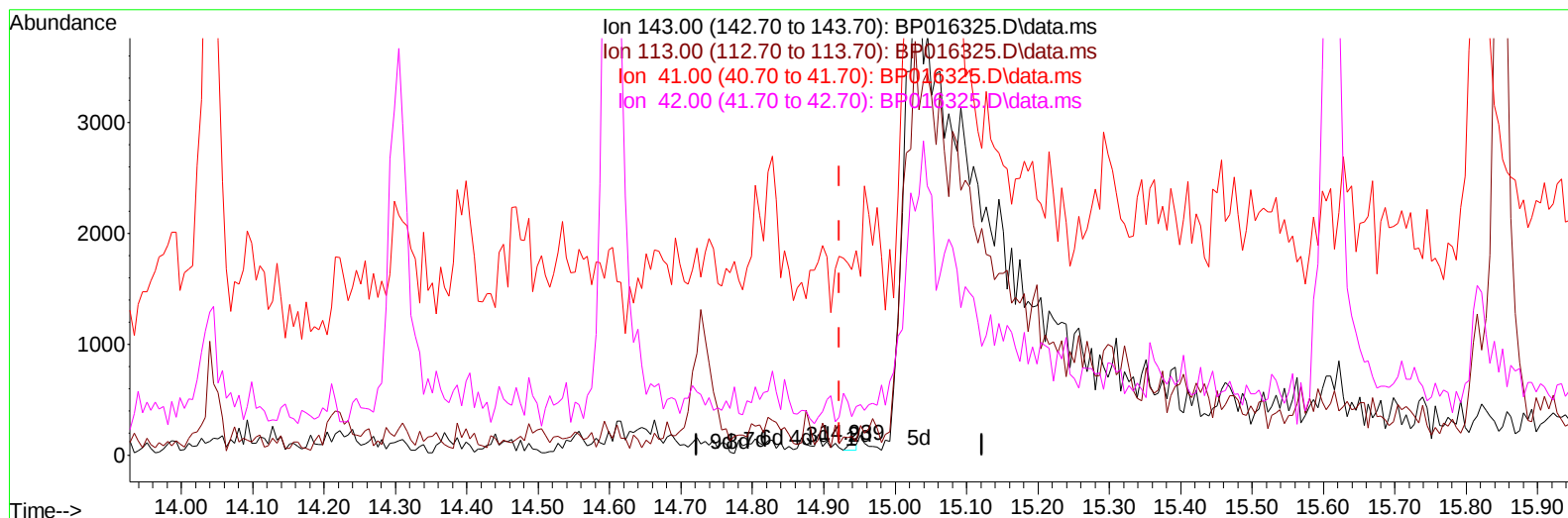
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016325.D
Acq On : 19 Jul 2023 15:21
Operator : MA/JU
Sample : 03501-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP016325.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.939min (+ 0.018) 0.01 ng/u1

response 55

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	170.71#
41.00	49.30	1689.90#
42.00	32.70	348.48#

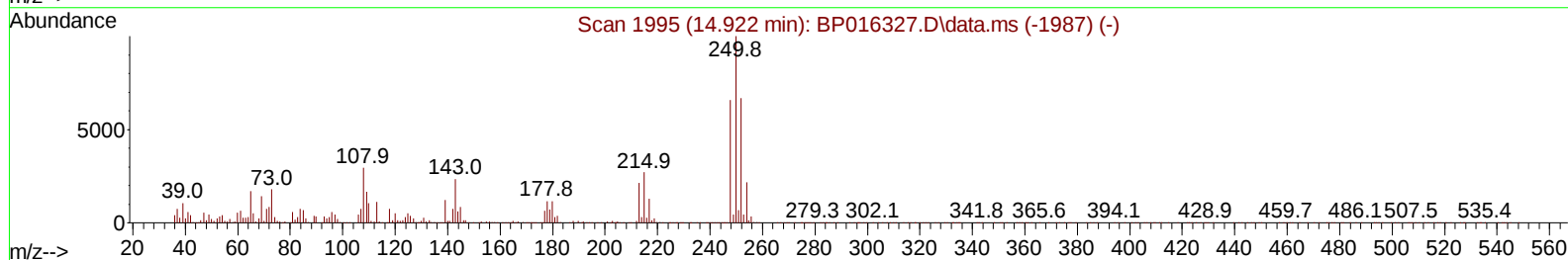
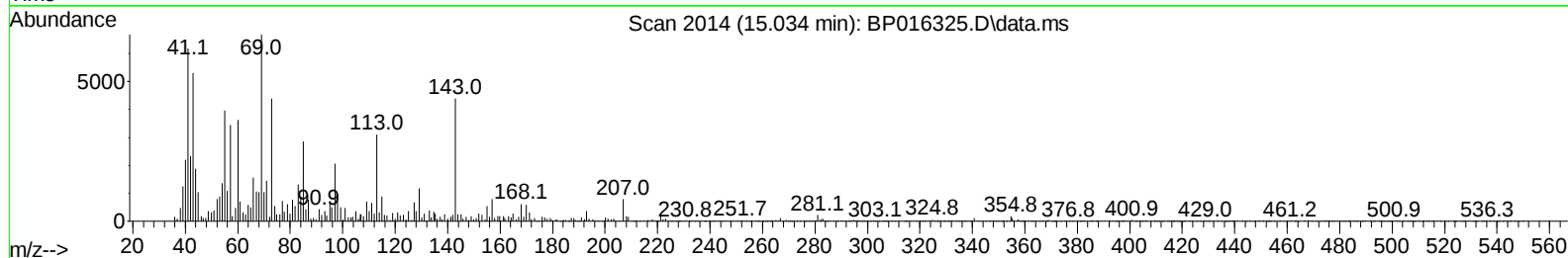
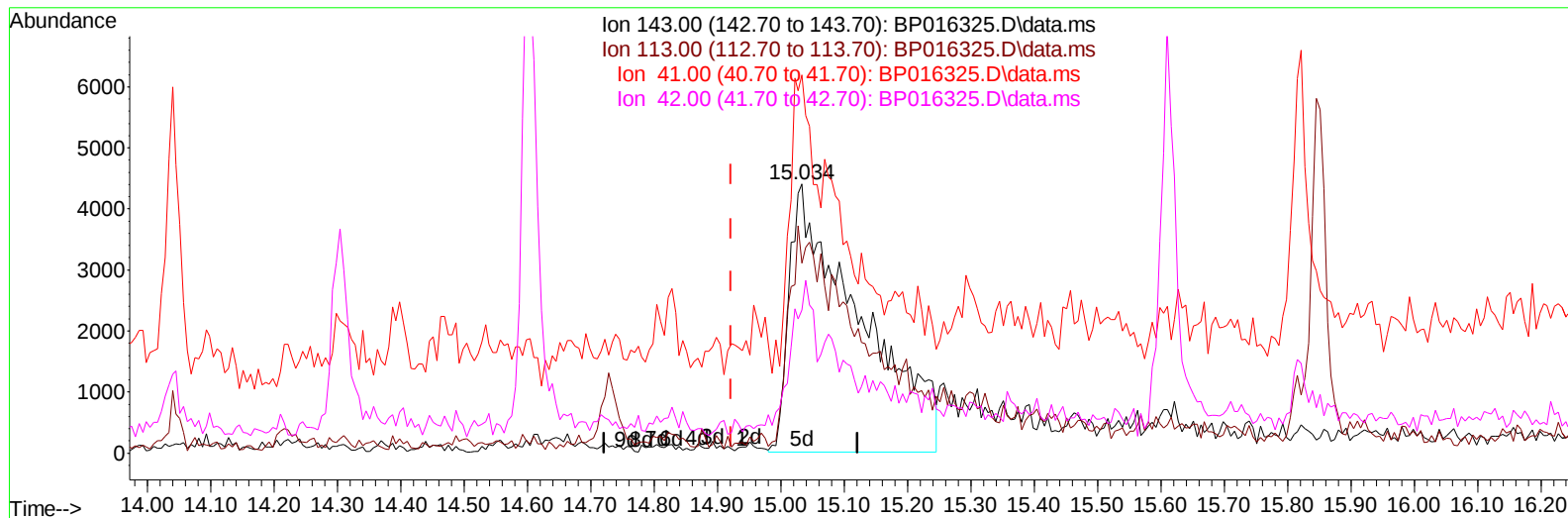
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016325.D
Acq On : 19 Jul 2023 15:21
Operator : MA/JU
Sample : 03501-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X5

Manual IntegrationsAPPROVED

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TIC: BP016325.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.034min (+ 0.112) 7.16 ng/ul m

response 33625

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	70.63
41.00	49.30	140.63#
42.00	32.70	53.18#

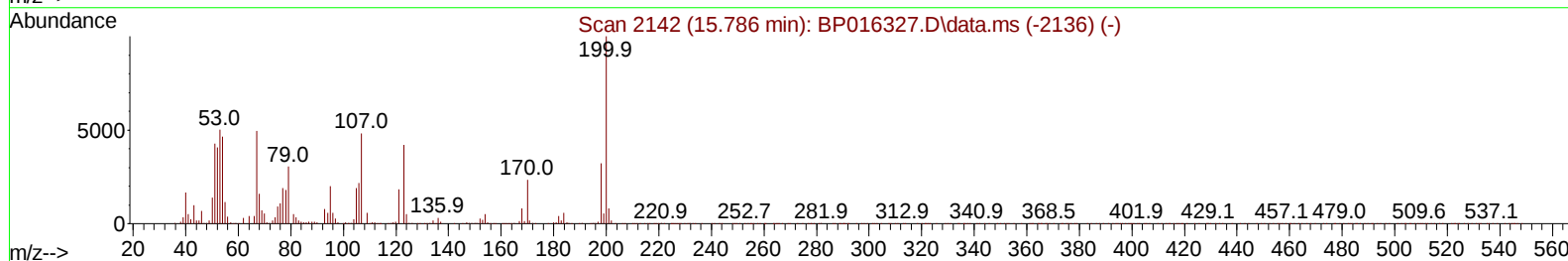
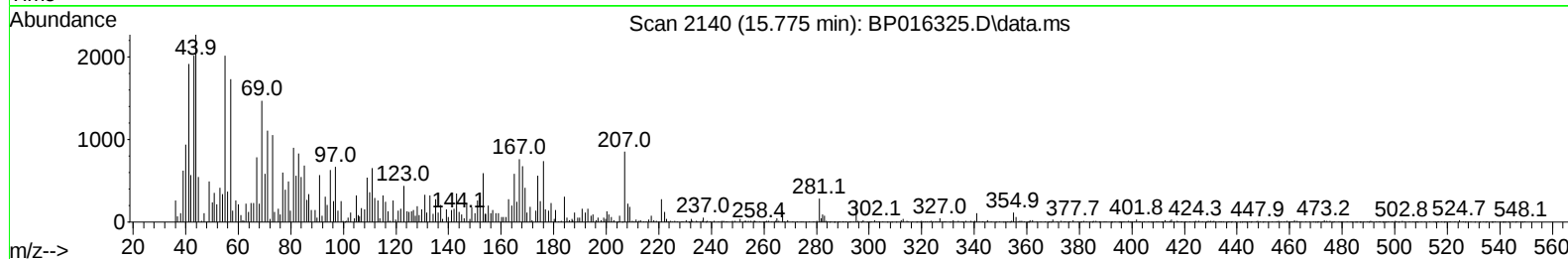
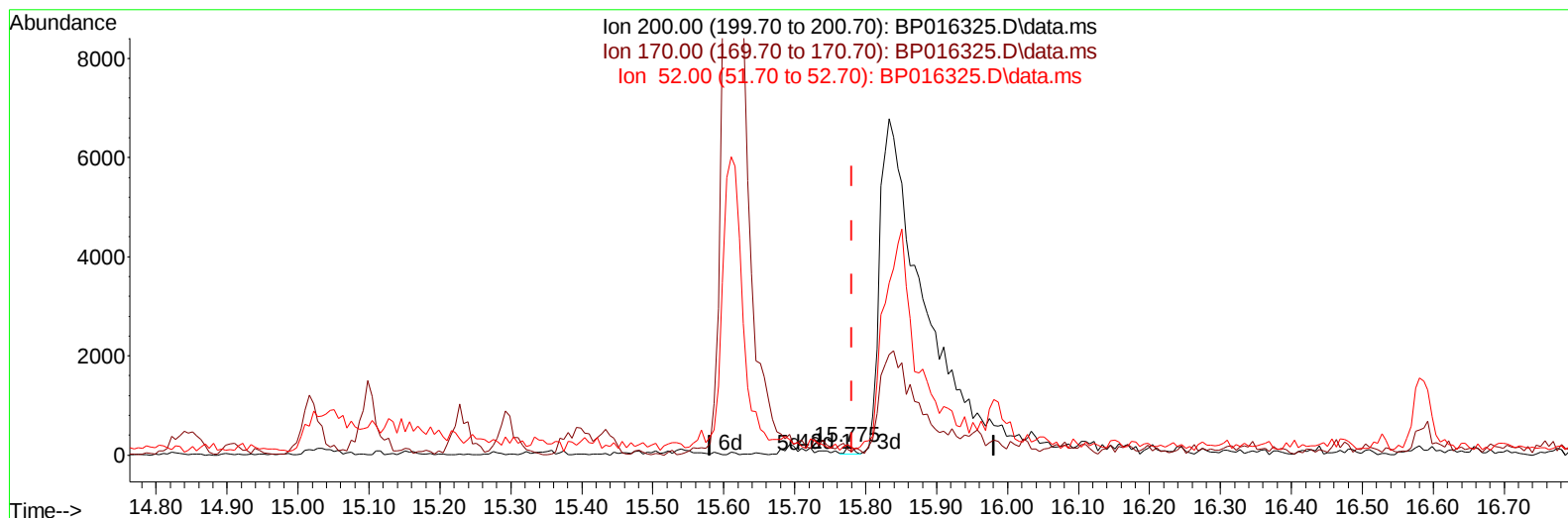
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:49:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016325.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.775min (-0.006) 0.03 ng/u1

response 115

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	67.84#
52.00	58.00	127.49#
0.00	0.00	0.00

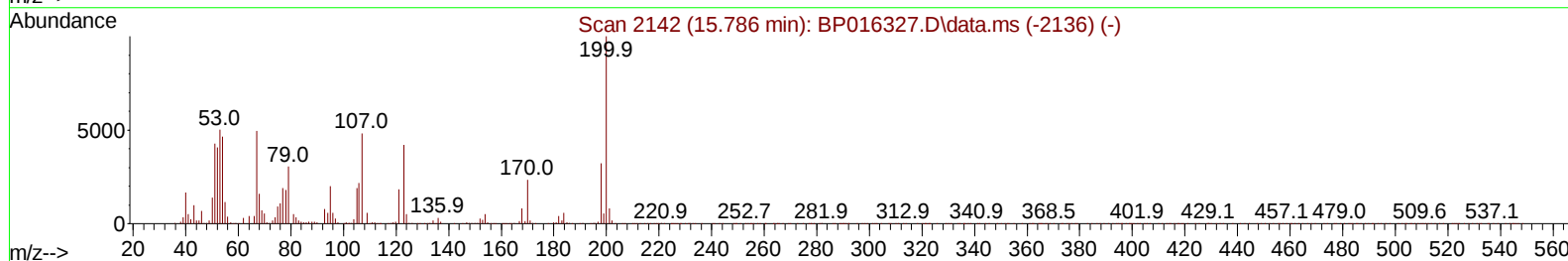
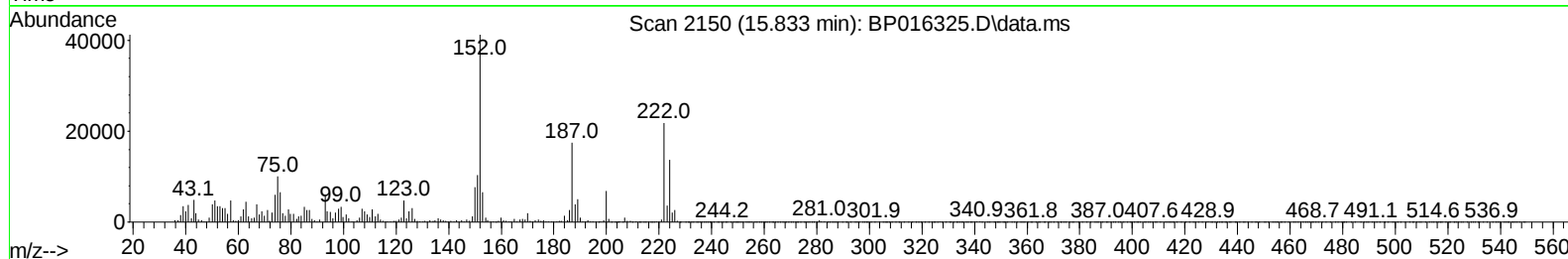
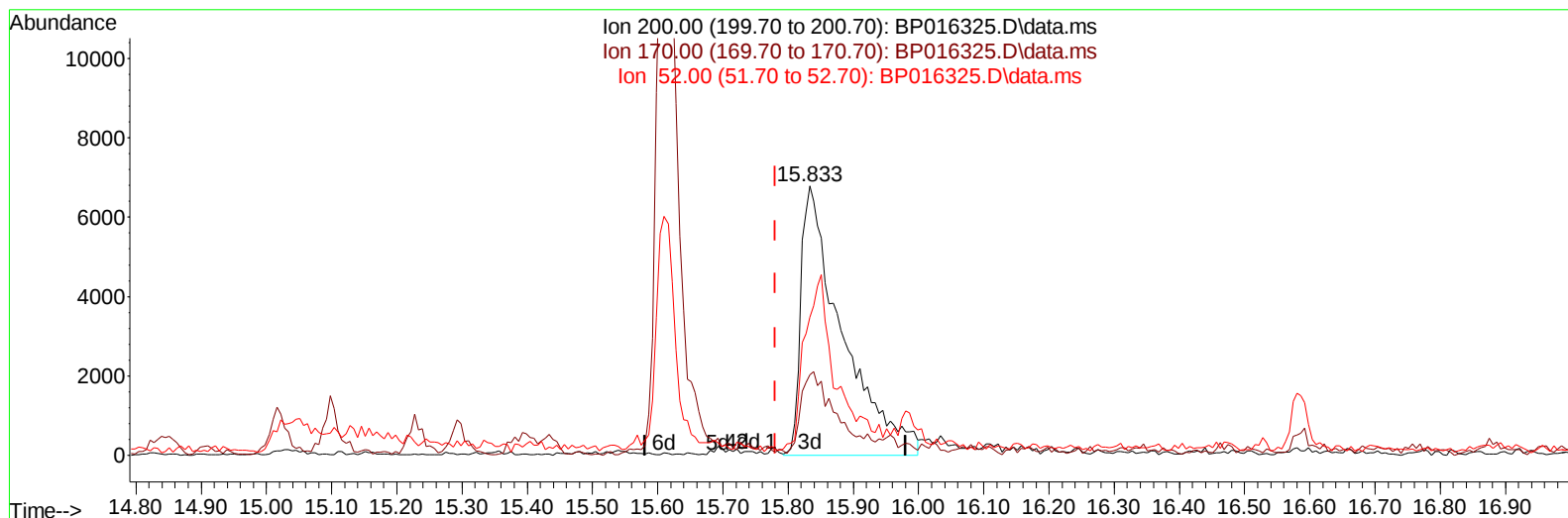
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BP016325.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.833min (+ 0.053) 7.06 ng/ul m

response 29626

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	29.86#
52.00	58.00	51.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 19 23:52:42 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	86312	20.000	ng/ul	0.01
20) Naphthalene-d8	10.775	136	423450	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164	301827	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188	726594	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	814652	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	866809	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	5525	2.265	ng/uL	0.00
4) Pyridine-d5	3.711	84	28589m	4.700	ng/ul	-0.01
7) Phenol-d5	7.181	99	71395	9.158	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.299	67	66185	12.555	ng/ul	0.02
11) 2-Chlorophenol-d4	7.505	132	71707	12.741	ng/ul	0.03
15) 4-Methylphenol-d8	8.816	113	22848m	3.638	ng/ul	0.13
21) Nitrobenzene-d5	9.199	128	35522m	12.159	ng/ul	0.06
24) 2-Nitrophenol-d4	9.922	143	43350m	13.020	ng/ul	0.06
28) 2,4-Dichlorophenol-d3	10.551	165	65313m	11.328	ng/ul	0.13
31) 4-Chloroaniline-d4	11.110	131	8109m	0.877	ng/ul	0.17
46) Dimethylphthalate-d6	14.028	166	326944	14.200	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	309481	12.265	ng/ul	0.01
54) 4-Nitrophenol-d4	15.034	143	33625m	7.156	ng/ul	0.11
60) Fluorene-d10	15.610	176	290554	15.079	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.833	200	29626m	7.063	ng/ul	0.05
73) Anthracene-d10	17.480	188	318885	10.033	ng/ul	0.01
81) Pyrene-d10	19.710	212	295840	6.998	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	137129	3.294	ng/ul	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.857	105	41280	3.986	ng/ul	97
72) Phenanthrene	17.416	178	103464	2.733	ng/ul	99
80) Fluoranthene	19.392	202	188917	3.822	ng/ul#	95
82) Pyrene	19.745	202	75850	1.437	ng/ul	97
85) Benzo(a)anthracene	21.457	228	93728	1.767	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.321	149	320917	9.438	ng/ul	99
87) Chrysene	21.510	228	93436	1.739	ng/ul	92
90) Benzo(b)fluoranthene	23.210	252	99511	2.010	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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